

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| S1 | 3 | (segmented flow).ab. and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/02/29 10:10 |
| S2 | 55 | (immiscible).ab. and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/02/29 10:11 |
| S3 | 5 | (immiscible).ti. and microfluidic | US-PGPUB; USPAT | ADJ | ON | 2008/02/29 10:21 |
| S4 | 41 | ("20010012612" "20010055546" "20020019060" "20020039783" "20020042125" "20020045246" "20020055167" "20020058332" "20020090644" "20020142618" "20020155032" "20020166592" "20020168780" "20020175079" "20020182747" "20020187547" "20030124619" "20030145894" "20030175165" "20030201022" "20030211507" "20040007463" "20040166031" "20040200909" "20050042137" "5716852" "5932100" "5948684" "5972710" "6171865" "6262907" "6368871" "6391541" "6431476" "6440725" "6454945" "6524456" "6541213" "6582963" "6766817" "6818185"). PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 15:30 |
| S5 | 4661 | substrate and segment\$3 and laminar | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 15:51 |
| S6 | 60 | substrate and (segment\$3 flow) and laminar | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 15:51 |
| S7 | 152 | substrate and (segment\$3). ab. and laminar | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 16:06 |
| S8 | 116 | substrate and (segment\$3). ab. and laminar and flow | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 16:06 |

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| S9 | 24 | substrate and (segment\$3).ab. and laminar and flow and micro\$1fluid\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 16:07 |
| S14 | 9 | substrate and (segment\$3 flow).ab. and laminar and flow | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 16:26 |
| S15 | 14 | substrate and (segmented flow) and laminar and flow | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 16:26 |
| S16 | 49 | "6440725" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 16:28 |
| S17 | 0 | "2002142618" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/01 16:35 |
| S18 | 0 | ("2002142618").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/01 16:35 |
| S19 | 1 | ("20020142618").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/01 16:35 |
| S20 | 1 | ("6068752").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/01 16:45 |
| S21 | 1 | ("6149787").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/01 16:45 |
| S22 | 1 | ("6042709").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/01 16:46 |
| S23 | 1 | ("6231737").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/01 16:46 |
| S24 | 1 | ("6186660").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/01 16:47 |
| S25 | 1 | ("5927852").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/01 16:48 |
| S26 | 10 | ("9700442").PN. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2008/05/01 16:48 |
| S27 | 2 | ("0223163").PN. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2008/05/01 16:50 |
| S28 | 2 | ("0128667").PN. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2008/05/01 16:50 |
| S29 | 1 | ("60233037").PN. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2008/05/01 16:51 |
| S31 | 99 | kitamori.in. | US-PGPUB; USPAT | ADJ | ON | 2008/05/06 11:32 |
| S32 | 48 | kitamori.in. and flow | US-PGPUB; USPAT | ADJ | ON | 2008/05/06 11:32 |
| S33 | 0 | kitamori.in. and flow and segment\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/05/06 11:33 |
| S34 | 5 | kitamori.in. and segment \$3 | US-PGPUB; USPAT | ADJ | ON | 2008/05/06 11:33 |

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| S35 | 13 | hisamoto.in. and segment\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/05/06 11:33 |
| S36 | 0 | hibara.in. and segment\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/05/06 11:34 |
| S37 | 6 | kanagawa.in. and segment\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/05/06 11:34 |
| S38 | 4 | segement\$4 and laminar and microfluid\$3 | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2008/05/06 12:14 |
| S39 | 4 | segement\$4 and laminar and micro\$4fluid\$3 | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2008/05/06 12:15 |
| S40 | 606 | segment\$4 and laminar and micro\$1fluid\$3 | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2008/05/06 12:15 |
| S41 | 32 | segment\$4.ab. and laminar and micro\$1fluid\$3 | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2008/05/06 12:15 |
| S42 | 18 | (segment\$4 flow).ab. and laminar | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2008/05/06 12:57 |
| S43 | 0 | ("2007/0197003").URPN. | USPAT | ADJ | ON | 2008/05/06 12:58 |
| S44 | 41 | ("20020066401" "20020071952" "20020144644" "20030017264" "20040091710" "20040110002" "20050112849" "5147841" "5262357" "5293050" "5354707" "5395791" "5422489" "5434878" "5492080" "5499260" "5505928" "5515393" "5525377" "5537000" "5541948" "5585640" "5625456" "5711803" "5747180" "5751018" "5882779" "5985173" "5985353" "5990479" "6054495" "6057561" "6114038" "6179912" "6207229" "6224739" "6251303" "6262129" "6322901" "6326144" "6379635" "6447698" "6576291" "6617583" "6633370" "6682592" "6794265" "6821337").PN. | USPAT | ADJ | ON | 2008/05/06 12:59 |
| S45 | 164 | 137/806.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 14:14 |

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| S46 | 16 | Barrow-David.in. or Harries-Nicola.in. or Jones- Tyrone.in. or Bouris-Kostas. in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 14:29 |
| S47 | 14 | Barrow-David-\$.in. or Harries-Nicola-\$.in. or Jones- Tyrone-\$.in. or Bouris-Kostas-\$.in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 14:31 |
| S48 | 2 | "20030201022" | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2008/05/06 16:28 |
| S49 | 5 | 2002-123835 | US-PGPUB; USPAT; USOCR; JPO; DERWENT | ADJ | ON | 2008/05/06 16:29 |
| S50 | 7 | 2002-158093 | US-PGPUB; USPAT; USOCR; JPO; DERWENT | ADJ | ON | 2008/05/06 16:30 |
| S51 | 15 | ("2004-011413" "20040068019" "3806408" "5524660" "5869004" "5957579" "6725882").PN. | US-PGPUB; USPAT; USOCR; JPO; DERWENT | ADJ | ON | 2008/05/06 16:33 |
| S52 | 19 | ("2004011413" "20040068019" "3806408" "5524660" "5869004" "5957579" "6725882").PN. | US-PGPUB; USPAT; USOCR; JPO; DERWENT | ADJ | ON | 2008/05/06 16:33 |
| S53 | 7 | ("2004011413" "20040068019" "3806408" "5524660" "5869004" "5957579" "6725882").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:33 |
| S54 | 194 | ("4908112" "4963498" "5126022" "5140161" "5188963" "5304487" "5486335" "5571410" "5585069" "5593838" "5603351" "5605662" "5660703").PN. OR ("5869004").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:35 |
| S55 | 14 | ("4908112" "4963498" "5126022" "5140161" "5188963" "5304487" "5486335" "5571410" "5585069" "5593838" "5603351" "5605662" "5660703").PN. OR ("5869004").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:38 |

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| S56 | 30 | ("3806408" "3806408" "3962383" "5326484" "5476744" "5524660" "5869004" "5957579" "6177479" "6258858" "6281254" "6377387" "6576023" "6725882"). PN. | US-PGPUB; USPAT; USOCR; JPO; DERWENT | ADJ | ON | 2008/05/06 16:41 |
| S57 | 14 | ("3806408" "3806408" "3962383" "5326484" "5476744" "5524660" "5869004" "5957579" "6177479" "6258858" "6281254" "6377387" "6576023" "6725882"). PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:41 |
| S58 | 13 | ("3747759" "4000086" "4201691" "4533254" "5063002" "5247957" "5326484" "5626751" "5730187" "5842787" "5904424" "6155710" "6177479").PN. OR ("6576023").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:44 |
| S59 | 0 | miccro\$1sphere | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:46 |
| S60 | 15387 | micro\$1sphere | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:46 |
| S61 | 1143 | micro\$1sphere and laminar | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:46 |
| S62 | 33 | micro\$1sphere.ab. and laminar | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:46 |
| S63 | 8 | micro\$1sphere.ab. and micro\$1fluid\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:47 |
| S64 | 64 | micro\$1sphere and micro\$1fluid\$3.ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/06 16:48 |
| S65 | 0 | WOo223163 | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2008/05/07 08:08 |
| S66 | 0 | WO0223163 | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2008/05/07 08:08 |
| S67 | 5 | "0223163" | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | ON | 2008/05/07 08:08 |
| S68 | 1 | ("7294503").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/07 08:09 |
| S69 | 2 | ("0164332").PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/05/07 08:10 |

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| S70 | 2 | ("0123127").PN. | US-PGPUB; USPAT; USOCR; DERWENT | OR | OFF | 2008/05/07 08:11 |
| S71 | 1 | ("2003/0201022").URPN. | USPAT | ADJ | ON | 2008/05/07 08:30 |
| S72 | 247 | 137/833.ccls. | USPAT | ADJ | ON | 2008/05/07 08:32 |
| S73 | 69 | 137/833.ccls. and micro \$1fluid\$3 | USPAT | ADJ | ON | 2008/05/07 08:32 |
| S74 | 9 | (flow near2 segment\$3). ab. and micro\$1fluid\$3 | USPAT | ADJ | ON | 2008/05/07 08:47 |
| S75 | 11 | (segmented flow) and micro\$1fluid\$3 | USPAT | ADJ | ON | 2008/05/07 08:49 |
| S76 | 10 | ("20020058332" "20030061687" "20030230486" "20040188254" "5185099" "5872010" "6409832" "6630006" "6797056" "6872250"). PN. OR ("7129091").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 08:54 |
| S77 | 27 | ("20010011071" "20020029814" "20020137218" "20020144738" "20020145231" "20020189529" "20020189530" "20020195047" "20020195048" "20020195049" "20020195050" "20020195051" "20020195052" "20030005877" "20030061687" "20030154910" "4908112" "5132012" "5180480" "5296114" "5485270" "5833860" "6220075" "6267935" "6409832" "6527432"). PN. OR ("6872250").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 08:55 |
| S78 | 114 | (segmented flow) | USPAT | ADJ | ON | 2008/05/07 08:57 |
| S79 | 3 | ("3650757" "4059149"). PN. OR ("6458335").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 09:00 |

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| S80 | 49 | ("3047367" "4028056" "4100797" "4125828" "4300906" "4520108" "4610544" "4708931" "4876504" "4931384" "5215926" "5240856" "5260192" "5304487" "5312757" "5457526" "5464752" "5469251" "5496700" "5523238" "5538855" "5548395" "5594544" "5644388" "5952184").PN. OR ("6251615").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 09:01 |
| S81 | 0 | microfluidic and (suubstrate near4 (held together)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:12 |
| S82 | 9 | microfluidic and (substrate near4 (held together)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:12 |
| S83 | 84 | microfluidic and (substrate near4 (clamp\$4)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:14 |
| S84 | 46 | microfluidic and (substrate near2 (clamp\$4)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:14 |
| S85 | 810 | 204/450.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:37 |
| S86 | 1143 | micro\$1sphere and laminar | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:39 |
| S87 | 53 | micro\$1sphere and laminar and micro\$1fluidic | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:39 |
| S88 | 55493 | immiscible | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:42 |
| S89 | 904 | immiscible and segmented | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:42 |
| S91 | 1186 | immiscible and micro \$sphere | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:42 |
| S92 | 1184 | immiscible and micro \$1sphere | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:42 |
| S93 | 190 | immiscible and micro \$1sphere and laminar | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/05/07 10:43 |
| S94 | 0 | laminar and segmnted flow and microfluid\$5 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 10:35 |
| S95 | 15 | laminar and segmented flow and microfluid\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 10:35 |

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| S96 | 42 | segmented flow and microfluid\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 10:38 |
| S97 | 289 | 436/53.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 10:46 |
| S98 | 69685 | immiscible | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 10:52 |
| S99 | 1182 | immiscible and microfluidic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 10:52 |
| S100 | 1 | immiscible and microfluidic and alternate flow | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 10:52 |
| S101 | 20 | immiscible and microfluidic and alternat\$4 flow | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 10:52 |
| S102 | 141 | 436/53.ccls. and (alternate or segment\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 10:57 |
| S103 | 65 | 436/53.ccls. and (alternate or segment\$4) near3 flow | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 11:09 |

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| S104 | 24 | immiscible and segmented flow and microfluid\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/18 11:12 |
| S105 | 53 | "6440725" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 11:13 |
| S106 | 0 | "2002142618" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 11:14 |
| S107 | 1 | "20020142618" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 11:14 |
| S108 | 1047 | ("20010011071" "20020029814" "20020058332" "20020066401" "20020071797" "20020071952" "20020092767" "20020128234" "20020137218" "20020144644" "20020144738" "20020145231" "20020150683" "20020159918" "20020166592" "20020189529" "20020189530" "20020195047" "20020195048" "20020195049" "20020195050" "20020195051" "20020195052" "20030005877" "20030017264" "20030027858" "20030061687" "20030154910" "20030190563" "20030215957" "20030224436" "20030228241" "20030230486" "20040007463" "20040011413" "20040027915" "20040029977" "20040037161" "20040043509" "20040091710" "20040104010" "20040110002" "20040123626" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 11:15 |

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| "5700637" | "5705018" |
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| "5976824" | "5979868" |
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| ("6039211" | "6042709" |
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| | | <p> "6872250" "6872359" "6875404" "6911183" "6916113").PN. OR ("6935768" "6935772" "6969746" "7001576" "7238268").PN. OR ("2002/0058332" "2002/0142618" "2002/0175079" "2003/0041652" "2003/0124619" "2003/0145894" "2003/0201022" "2004/0007463" "2004/0068019" "2004/0071597" "2004/0234966" "2005/0016851" "2005/0112849" "2006/0094119" "2006/0108012" "2007/0054119" "2007/0092411" "2007/0141593" "2007/0215474" "2008/0087545" "2899280" "5380665" "5869004" "5932100" "5957579" "6042709" "6068752" "6130098" "6149787" "6186660" "6368871" "6440725" "6509085" "6524456" "6725882" "6733244" "6872250" "6911183" "7032607" "7040144" "7129091" "7147441" "7217393" "7229497" "7229594" "7307104" "7314567" "7316967"). URPN. </p> | | | |
| S109 | 155 | S108 and (segmented or alternat\$4) near4 flow | US-PGPUB; USPAT; USOCR | ADJ | ON 2008/12/18 11:16 |
| S110 | 213 | immiscible and (segmented or alternat\$4) flow | US-PGPUB; USPAT; USOCR | ADJ | ON 2008/12/18 11:34 |
| S111 | 109 | immiscible and (segmented or alternating or alternate) flow | US-PGPUB; USPAT; USOCR | ADJ | ON 2008/12/18 11:34 |
| S112 | 34 | immiscible and segmented flow | US-PGPUB; USPAT; USOCR | ADJ | ON 2008/12/18 11:34 |

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|------|----|---|---------------------------|-----|----|---------------------|
| S113 | 13 | ("20020058332" "20030061687" "20030230486" "20040188254" "5185099" "5872010" "6409832" "6630006" "6797056" "6872250"). PN. OR ("7129091").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 11:36 |
| S114 | 3 | ("20030230486" "5726404" "6695009"). PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 11:37 |
| S115 | 66 | ("2850940" "20010035351" "4390403" "4832815" "4833332" "4908112" "5104508" "5126022" "5141609" "5162654" "5637469" "5699157" "5705813" "5750015" "5779868" "5800690" "5842787" "5852495" "5869004" "5872010" "5876675" "5880071" "5882465" "5885470" "5922591" "5942443" "5948227" "5955028" "5957579" "5958203" "5958694" "5959291" "5964995" "5965001" "5965410" "5972187" "5976336" "5989402" "6001231" "6004515" "6011252" "6012902" "6042710" "6046056" "6057149" "6068752" "6071478" "6074725" "6080295" "6100541" "6107044" "6120098" "6130098" "6150180" "6156181" "6171067" "6238538" "6267858" "6280589" "6337740" "6368871" "6375817" "6695009" "6783647" "6939452").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 11:38 |

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|------|-----|--|---------------------------|-----|-----|---------------------|
| S116 | 294 | ("4675300" "4737464" "4908112" "4963498" "4978503" "5096807" "5126022" "5140161" "5144139" "5164598" "5171132" "5171534" "5188963" "5192405" "5271724" "5277556" "5278048" "5296375" "5304487" "5324591" "5375979" "5384261" "5395503" "5427946" "5429734" "5445939" "5486335" "5496697" "5498392" "5571410" "5585069" "5593838" "5605662" "5637469" "5650075" "5658723" "5773298" "5780754"). PN. OR ("5942443").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 11:42 |
| S117 | 1 | ("5927852").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 13:38 |
| S118 | 5 | (("6046056") or ("5789045") or ("6068752") or ("4676274") or ("6453928")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/18 13:39 |
| S119 | 1 | 137/833.ccls. and segmented flow | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 13:41 |
| S120 | 121 | 137/833.ccls. and microfluid\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 13:42 |
| S123 | 1 | "10534592" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 14:09 |
| S124 | 0 | microfluididc and (substrate near5 casement layer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 14:15 |
| S125 | 0 | microfluidic and (substrate near5 casement layer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 14:15 |
| S126 | 1 | microfluidic and (substrate near5 casement) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 14:15 |
| S127 | 1 | microfluidic and (substrate near10 casement) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 14:16 |
| S128 | 1 | microfluidic and (substrate same casement) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 14:16 |
| S129 | 43 | (substrate same casement) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 14:16 |
| S130 | 20 | (substrate near5 casement) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 14:16 |
| S131 | 24 | (substrate near9 casement) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/18 14:18 |

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|------|-----|--|---|-----|----|---------------------|
| S132 | 22 | (segmented flow).ab. | US-PGPUB; USPAT | ADJ | ON | 2008/12/19 10:46 |
| S133 | 22 | (segmented flow).ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 10:46 |
| S134 | 50 | 436/53.ccls. and microfluid \$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/19 11:21 |
| S135 | 26 | ("20020058332" "20030061687" "20030230486" "20040188254" "4853336" "5185099" "5739036" "5872010" "5872010" "6296673" "6409832" "6630006" "6766817" "6797056" "6872250").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/19 11:27 |
| S136 | 1 | microfluidic and substrate and casement layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:15 |
| S137 | 1 | substrate and casement layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:15 |
| S138 | 1 | microfluidic and substrate and casement | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:15 |
| S139 | 43 | substrate same casement | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:16 |
| S140 | 717 | substrate near4 ((hold or held) together) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:18 |
| S141 | 45 | substrate near4 ((hold or held) together) near5 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:18 |
| S142 | 22 | microfluidic and substrate near4 ((hold or held) together) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:19 |
| S143 | 2 | microfluidic and substrates! near7 ((hold or held) together) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:26 |
| S144 | 278 | substrates! near5 ((hold or held) together) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:27 |
| S145 | 216 | substrates! near3 ((hold or held) together) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:27 |
| S146 | 22 | substrates! near3 ((hold or held) together) near9 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:27 |
| S147 | 4 | substrates! near3 ((hold or held) together) near9 outer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:29 |
| S148 | 216 | substrates! near3 ((hold or held) together) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:30 |

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|------|-----|--|------------------------|-----|----|------------------|
| S149 | 121 | substrates! adj3 held between | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:45 |
| S150 | 1 | substrates! adj3 held between adj5 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:46 |
| S151 | 121 | substrates! adj3 held between | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:46 |
| S152 | 69 | substrates! adj2 held between | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 14:46 |
| S153 | 490 | substrates! adj2 sandwiched | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:13 |
| S154 | 9 | microfluidic and substrates! adj2 sandwiched | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:13 |
| S155 | 183 | substrates! adj2 sandwiched between | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:14 |
| S156 | 2 | substrates! adj2 sandwiched between near9 (interlock\$4 or align\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:21 |
| S157 | 0 | substrates! adj2 held between near9 (interlock\$4 or align\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:22 |
| S158 | 0 | substrates! adj3 held between near9 (interlock\$4 or align\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:22 |
| S159 | 0 | substrates! adj3 held between near17 (interlock\$4 or align\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:22 |
| S160 | 142 | substrates! adj3 held near17 (interlock\$4 or align\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:22 |
| S161 | 109 | substrates! adj3 held near7 (interlock\$4 or align\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:23 |
| S162 | 70 | substrates! adj held near7 (interlock\$4 or align\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:23 |
| S163 | 1 | substrates! adj2 held near7 (interlock\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:25 |
| S164 | 0 | substrates! adj2 held near7 (inter-lock\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:25 |
| S165 | 0 | substrates! adj2 sandwiched near19 (interlock\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:26 |
| S166 | 0 | substrates! adj2 sandwiched same (interlock\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:26 |
| S167 | 8 | substrates! adj2 held same (interlock\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:26 |

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|------|-----|--|------------------------|-----|----|------------------|
| S168 | 258 | substrates! near9 (interlock \$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:45 |
| S169 | 235 | substrates! near7 (interlock \$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:45 |
| S170 | 196 | substrates! near5 (interlock \$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:45 |
| S171 | 2 | microfluid\$3 and substrates! near5 (interlock \$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:45 |
| S172 | 2 | microfluid\$3 and substrates! near9 (interlock \$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/19 15:46 |
| S173 | 22 | substrates! near5 encased near7 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:17 |
| S174 | 12 | substrates! adj3 encased near7 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:17 |
| S175 | 177 | substrates! adj3 sandwiched near7 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:18 |
| S176 | 106 | substrates! adj3 sandwiched adj5 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:18 |
| S177 | 91 | substrates! adj2 sandwiched adj5 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:18 |
| S178 | 0 | substrates! adj2 sandwiched between adj5 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:18 |
| S179 | 37 | substrates! adj2 sandwiched between adj5 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:18 |
| S180 | 5 | ("5315072" "5495665" "5509200" "5758413" "6580036").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:27 |
| S181 | 0 | substrates! adj2 held adj5 outer adj3 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:31 |
| S182 | 0 | substrates! adj2 held adj5 outer adj5 layer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:31 |
| S183 | 0 | substrates! adj2 held near7 (outer adj5 layer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:31 |
| S184 | 0 | substrates! adj2 held near7 (outer adj7 layer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:31 |
| S185 | 35 | substrates! adj2 held near7 outer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:31 |
| S186 | 21 | ("5075152" "5171132" "5271724" "5277556" "5375079" "5376252" "5736188" "5750240" "5824204" "6128027").PN. OR ("6509085").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/20 11:34 |
| S189 | 27 | substrate disposed cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:29 |

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|------|------|--------------------------------------|---------------------------|-----|----|---------------------|
| S190 | 51 | wafers\disposed cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:38 |
| S191 | 1 | wafers\ disposed cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:38 |
| S192 | 0 | susbtrates\ adj2 cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:39 |
| S193 | 0 | susbtrates\ near4 cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:39 |
| S194 | 1 | susbtrates\ near7 cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:39 |
| S195 | 1 | susbtrates\ near9 cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:39 |
| S196 | 1 | susbtrates\ near11 cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:39 |
| S197 | 1305 | wafers\ near11 cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:40 |
| S198 | 311 | wafers\ adj3 cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:40 |
| S199 | 191 | wafers\ adj2 cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 10:40 |
| S200 | 277 | substrates\ adj2 pressed together | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/22 11:06 |

12/24/2008 10:14:10 AM

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